

19980414.qrp v01_n060.qrs.980414

Date: Tue, 14 Apr 1998 19:05:03 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1060

QRP-L Digest 1060

Topics covered in this issue include:

- 1) [8164] Novice QRP Advice Wanted
by Frank Kienast <fgk@iquest.net>
- 2) [8165]
by minie@ed11a.msfc.nasa.gov (minie)
- 3) [8166] Wanted: Model 100 logging software
by Anthony Mark-CFES03 <CFES03@lmpsilo2.comm.mot.com>
- 4) [8167] Elmer101
by kb0rol@juno.com (Bradley L Mugleston)
- 5) [8168] Re: Novice QRP Advice Wanted
by Joe Gervais <vole@primenet.com>
- 6) [8169] Re: ARCI TEST
by Bruce Muscolino <w6toy@erols.com>
- 7) [8170] Re: Elmer101: Soldering IRON's
by "Fred Ringwald" <fred@innocent.com>
- 8) [8171] Re: Elmer101
by chunt@macromedia.com (Christian Hunt)
- 9) [8172] Re: Wanted: Model 100 logging software
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 10) [8173] Re: Joy of QRP Book
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 11) [8174] K2 Questions
by mpupeza@csolve.net (Michael Pupeza)
- 12) [8175] got Hawaii
by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
- 13) [8176] Elmer 101 SW-30+ Student List - Final
by "Robert H. Sorge" <rsorge@phoenix.net>
- 14) [8177] F/S
by maprath@prairienet.org (Mark A. Prather)
- 15) [8178] Elmer101: is everyone ready?
by Michael Maiorana <mikemo@ibm.net>
- 16) [8179] ARCI Test
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 17) [8180] Homebrew Cabinet Design
by Bill & Merleigh Jones <kd7s@psnw.com>
- 18) [8181] Icom 761--Thoughts?
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 19) [8182] Re: Icom 761--Thoughts?

- by "George T. Baker" <w5yr@swbell.net>
- 20) [8183] Elmer 101: Yahoo, Yippee...
by Robert Bayha <rbayha@ix.netcom.com>
- 21) [8184] New solar cycle/ 12 meters
by Scott Bauer <ke3nv@erols.com>
- 22) [8185] RE: Icom 761--Thoughts?
by Conrad <radman@best.com>
- 23) [8186] Soldering and the SW40+
by Mighty Mik <mitymik@hooked.net>
- 24) [8187] Replacing tubes w semiconductors
by Joachim Seibert <jseibert@hermes.desy.de>
- 25) [8188] SW30+ ??
by Larry Trullinger <kb0emb@tfs.net>
- 26) [8189] Re: Novice QRP Advice Wanted
by aa5yx@JUN0.COM (John Harper AA5YX/2)
- 27) [8190] QRP ARCI Score
by eakwik@mail.hac.com
- 28) [8191] K2 Availability
by "Dick Schneider" <rschneid@ix.netcom.com>
- 29) [8192] Homebrew Cabinet Design Webpage
by Bill Jones <kd7s@psnw.com>
- 30) [8193] Re: Replacing tubes w semiconductors
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 31) [8194] Elmer101: soldering safety
by Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
- 32) [8195] Kit Article
by dave_epps@juno.com
- 33) [8196] Re: Novice QRP Advice Wanted
by PDouglas12 <PDouglas12@aol.com>
- 34) [8197] Fw: Bal Line
by "jjoens" <jjoens@netins.net>
- 35) [8198] RE: Elmer101: soldering safety
by "James C. Owen, III" <owen@piper.eeel.nist.gov>
- 36) [8199] Re: Replacing tubes w semiconductors
by "Harvey D. D. Hetland" <n6mm@earthlink.net>
- 37) [8200] Re: Novice QRP Advice Wanted
by Dave Sjolin <sjolin@swbell.net>
- 38) [8201] RE: Elmer101: soldering safety
by Monte Stark <ku7y@dri.edu>
- 39) [8202] Elmer 101: Weller Soldering Station Temp. Settings
by "Larsen, Jim" <JLarsen@alascom.att.com>
- 40) [8203] ham com 98
by ac5ez@webtv.net (Larry B)
- 41) [8204] Re: Elmer101: is everyone ready?
by Pierre Constantineau <pierre@cmpe.ubc.ca>
- 42) [8205] Wanted 38S
by "Ron Polityka" <wb3aal@talon.net>
- 43) [8206] Re: Novice QRP Advice Wanted

- by nilsbull@juno.com (Nils R Young)
- 44) [8207] Re: An Open Letter to QRP Radio Designers
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 45) [8208] ARCI Portable QRP in VA
by wd3p@juno.com (Larry Cahoon)
- 46) [8209] Re: Homebrew Cabinet Design
by Ed <edn4pk@VoyagerOnline.net>
- 47) [8210] Re: Elmer101: is everyone ready?
by Bensondj <Bensondj@aol.com>
- 48) [8211] Dayton
by ac5ez@webtv.net (Larry B)
- 49) [8212] Ham Com
by ac5ez@webtv.net (Larry B)
- 50) [8213] Re: Elmer101: LEAD POISONING!!!!
by nilsbull@juno.com (Nils R Young)
- 51) [8214] Re: Dayton
by Phil <k6ls@prolynx.com>
- 52) [8215] Re: Elmer101: LEAD POISONING!!!!
by gsurrency@juno.com (Gary L Surrency)
- 53) [8216] Dayton and real hams
by "Paulette Quick, WB9VHF" <plquick@facstaff.wisc.edu>
- 54) [8217] Elmer 101: part number error
by Michael Maiorana <mikemo@ibm.net>
- 55) [8218] re: novice advice
by w0yse@juno.com (Neil Klagge)
- 56) [8219] hat
by ac5ez@webtv.net (Larry B)

Date: Mon, 13 Apr 1998 18:08:29 -0500
From: Frank Kienast <fgk@iquest.net>
To: qrp-l@Lehigh.EDU
Subject: [8164] Novice QRP Advice Wanted
Message-ID: <35329AE9.148@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

My name is Frank Kienast. My call is KB9QEI, and I live in central Indiana. I recently was discussing my QRP experiments with someone on 2 meters, and he recommended that I subscribe to this list and post my questions here.

After obtaining my Tech Plus license last spring and talking on VHF for a while, I decided to try my hand at CW last summer. I built a Ramsey

QRP-40 kit, and obtained a crystal for the 40 meter Novice band. Unfortunately, I knew little about antennas and had no way to measure SWR, so not surprisingly I didn't make any contacts.

A month or so ago, I decided to try again. I put up a 35-foot long longwire antenna across my apartment, and was able to obtain a reasonable ground from a water pipe (I am on the first floor). I used an MFJ-259 SWR analyzer and found an SWR of around 2.8:1. I also measured the power output of my QRP transmitter using a 50-ohm resistor and diode/capacitor. I found around 7.5 volts across the capacitor, indicating around $(7.5)^2/2 \times 50 = 0.5$ Watts. With no contacts despite numerous CQ's, I decided to build an amplifier to increase power. With the amplifier, I measure around 4 Watts output. I also borrowed an antenna tuner, and am able to get a 1.2:1 SWR match for my antenna/ground setup. I called CQ dozens of times, at various times of the day. I tried adding "/QRP" to my call sign, and I tried responding to others CQ's. Still no luck.

To see if my signal was getting out at all, I built a little Basic Stamp circuit and programmed it to send "Test de KB9QEI" in CW at regular intervals. I drove to various locations with my Radio Shack DX-398 SW portable, and was able to copy my signal everywhere in town (up to 7 miles away) using just the whip antenna on the radio (outside of the car). Therefore, I know my signal is getting out at least a little ways.

I realize that my antenna is not optimal, being on the first floor and inside. However, I am running 4 Watts or so output power and hopefully this makes up for some of the loss and at least gives me say the equivalent of a watt output into a good antenna (maybe not?). Do you think my antenna is the problem? Or, is it just that no one is listening for QRP in the Novice part of the band? I am in the process of upgrading my licence (in fact, I have passed the General and Advanced theory but have not yet been able to pass the 13WPM CW), but for now I am limited to the Novice band. I operate between 7111 and 7116. The sensitivity of the DX-398, using the same antenna for receiving as I use to transmit, appears to be good. I hear many QSO's and often find the Novice band quite crowded with signals using this setup.

Any advice on why I am not making contacts and what I might be able to do to remedy this problem would be appreciated.

Thanks, and 73
Frank Kienast
KB9QEI

Date: Mon, 13 Apr 98 18:07:19 CDT
From: minie@ed11a.msfc.nasa.gov (minie)
To: qrp-l@Lehigh.EDU
Message-ID: <9804132307.AA00331@ed11a.msfc.nasa.gov>

ZK2CK is HB9BCK

Date: Mon, 13 Apr 1998 18:07:36 -0500
From: Anthony Mark-CFES03 <CFES03@lmpsil02.comm.mot.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [8166] Wanted: Model 100 logging software
Message-ID: <A324FE4331A2D111BC2A00805FA758B14B6C78@s-il02-m.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

Gang-

Anybody have or can direct me to Radio Shack Model 100 logging software?
I would like to make my M100 part of my QRP portable station to log
contests,
or at least Field Day.

The advantages of using this old clunker are:

1. Nice large keyboard and screen
2. Runs 20 hours on 4 AAs

I have already searched the Web and found only one program, in Club 100.
That program seemed not to be what I wanted.
I didn't have any more luck searching the QRP-L archives, my own QRZ CD-
ROM database and some other logging sites.

I suppose I could write some kind of program using the hashing method
but my glorious programming days are 15 years behind me and I'd like to
keep it like that [to, ahem, keep my mind lucid for using my antenna
modeling software]. And time, who among us has time?

Thanks and cheers,

Mark K9AM QRP-L #443
NW suburbs of Chicago

=====
Project Engineer -- iDEN International Engineering (Asia)

Motorola, Inc. (847) 576 7879 email: cfes03@email.mot.com
=====

Date: Mon, 13 Apr 1998 19:45:46 EDT
From: kb0rol@juno.com (Bradley L Mugleston)
To: qrp-l@Lehigh.EDU
Subject: [8167] Elmer101
Message-ID: <19980412.160652.6967.0.kb0rol@juno.com>

IT'S HERE. My SW-30+ is here. It's beautiful. When does the class start? My Iron is HOT.

Well, I'm going to read the manual again (you didn't think I wrote this before I read the manual did you).

Thanks Dave, it's just what I needed. Let's get going.

de KB0ROL, Brad

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 13 Apr 1998 16:51:48 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: fgk@iquest.net
Cc: qrp-l@Lehigh.EDU
Subject: [8168] Re: Novice QRP Advice Wanted
Message-ID: <199804132351.QAA00966@usr09.primenet.com>

Howdy Frank (and Folks),

Frank (KB9QEI), frustrated QRPer, wrote:

>

> My name is Frank Kienast. My call is KB9QEI, and I live in central
> Indiana. I recently was discussing my QRP experiments with someone on 2
> meters, and he recommended that I subscribe to this list and post my
> questions here.

Welcome to QRP-L! Best spot in all the Internet. :-)
Heck, welcome to HF/CW too!!!

> I called CQ dozens of times, at various times of the day. I tried
> adding "/QRP" to my call sign, and I tried responding to others CQ's.
> Still no luck.

While it may just be a spell of bad luck for you,
please consider the following.

Ramsey kits have (how shall I put this...) a rather dubious reputation. Have you tested and **verified** that your kit is listening in the right spot relative to your xmitted signal? If not, you may have been calling and listening "high and to the right", as they say on the range. Folks may have been calling you, but if that's way off your receive freq, you'd never hear 'em.

With two rigs you can test this - tune them both to what should be the same freq. Both hooked up to dummy loads. If they "hear" each other on the same freq, you're OK.

Also, what's the freq range on the rig? If only a few KHz, I'd highly recommend looking for a used MFJ QRP rig. They're quite adequate for the price (\$100-\$130) and you can have the entire band to search and play with.

Assuming it's not equipment, we can move to technique. For now (since you're starting out), are you looking for the loudest sigs on the band and calling them? I realize you've called a few, but as you mentioned your antenna is less than optimal. Finding the loudest sigs (and if necessary, waiting for them to end a QSO) is a good way to hedge your bet for now.

Finally, you can do what I used to do. As a condo ham, I got tired of hidden wires so I started operating portable. Went to a local park and just tossed a simple dipole into the trees. Not too high - didn't need to be. With a basic resonant dipole, you'll be putting out more than enough RF from your portable spot. With summer coming up, it'll be nice to be outside anyway. :-)
I **really** recommend trying this!

Again, I'd look for a second rig. Used MFJ QRP rigs

are just fine. Having a Ramsey kit as your first and only QRP rig *may* be a bit more grief than you need right now. Again, IMHO. If I still had my MFJ, I'd offer to loan you mine. :-(

Best of luck and above all, PLEASE KEEP US POSTED! Don't give up - you've got a thousand or two QRPers here who are anxious to make sure you succeed at QRP. Some of the sharpest ops/ears in the world are right here. Set up a sked - give us a time and freq to look for ya. If you CAN be heard, you WILL be heard. ;-) The odds are in your favor!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Mon, 13 Apr 1998 19:52:52 -0400 (EDT)
From: Bruce Muscolino <w6toy@erols.com>
To: ddorn@SWBell.net
Cc: qrp-1@Lehigh.EDU
Subject: [8169] Re: ARCI TEST
Message-ID: <2.2.16.19980413194438.21e7019a@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>Where was Ernie, W8MVN? I missed hearing his big sig.. Hope he isn't
>ill.
>
You know, I haven't heard his outrageous big signal in a while, and I sort of miss him. Will someone who is going to Dayton do a bit of detective work?

73

Date: Mon, 13 Apr 1998 18:52:57 -0500
From: "Fred Ringwald" <fred@innocent.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<Ronald_A_Pfeiffer@res.raytheon.com>

Subject: [8170] Re: Elmer101: Soldering IRON's
Message-ID: <000201bd6737\$a48960\$3101e3d0@fred.ott.net>

Hello,

I purchased a Weller WTCP soldering station about 17 years ago, and it is still going strong. I read a message here about a week ago regarding a possible sale on the WTCPN (N revision to the same basic soldering station I purchased 17 years ago, only "updated" with enhancements over the years.) I thought about buying the new station when I decided to telephone Weller, aka Cooper Industries in Apex, NC, 919-362-1709, to see what I would really gain if I got the new station, and if there are any updates offered for my station. I spoke with a lady who quickly recognized that I needed to speak with Larry, a technical support engineer. Larry told me that while the current station is an upgrade, it is basically the same station that is being sold today, and that I wouldn't gain many benefits by buying the new station. He said that both stations use the same tips, and they are available in 600, 700 & 800 degree heat ranges in a variety of shapes. I asked about heat selections, and he told me that when soldering on a circuit board, if it takes more than 3 seconds to solder the joint, use a hotter tip, and if it takes less than 1 second, use a cooler tip. I have been using the 700 degree tip for years and found that it works well for my general soldering needs. He also said that my tip is grounded, and safe for static sensitive soldering, but that the plastic isn't rated for static sensitive applications and thus cannot be used for MILSPEC and similar soldering applications. On the other hand, he said that he wouldn't be afraid to use my station for any static sensitive application because the tip is grounded. He said that if the heater/tip holder has two screws holding it to the handle, it has the EC234 plug in heater, and if it has 3 outer and 1 near center screw, then it is the wired in heater. Both types of heaters are still being made, and I can get them replaced if needed.

Based on this conversation, I am very happy I chose the Weller 17 years ago, and he told me to expect it to work well for years to come. I recommend that you invest in the WTCPN for ~\$115, and have a long lasting, reliable tool.

Good Luck,

73s,

Fred Ringwald, ABOAE
fred@innocent.com

P.S. Tips for the WTCP series (and any other using the Weller PT tips are available at Tool Town, www.tooltown.com tel. 425-485-8055, for

\$2.07 each for 10 or more of any mix, and slightly more each in lots less than 10.

-----Original Message-----

From: Ronald_A_Pfeiffer@res.raytheon.com
<Ronald_A_Pfeiffer@res.raytheon.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, April 13, 1998 5:17 PM
Subject: Elmer101: Soldering IRON's

>This is a question about soldering equipment in general
>even though I'm building the SW40+.
>
>I built the LDG QRP tuner and a 38S with just a radio shack
>25 watt iron and whatever tip was provided.
>
>I really enjoy building and want to spend a few dollars in
>this area of my tools!
>
>I have seen last week sales for Weller and Tenma solder
>stations. I know this would be a good addition to my tools
>but my real question is...
>
>What "tips" do I need and why? Was I doing it all wrong
>by soldering everything with the tip supplied with the iron?
>
>Any info would be greatly appreciated...
>
>
>Ron - N1ZSW
>
>
>

Date: Mon, 13 Apr 1998 17:11:58 -0800
From: chunt@macromedia.com (Christian Hunt)
To: qrp-l@Lehigh.EDU
Subject: [8171] Re: Elmer101
Message-ID: <v02140b02b1586770adf0@[192.168.22.76]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>IT'S HERE. My SW-30+ is here. It's beautiful. When does the class

>start? My Iron is HOT.
>
>Well, I'm going to read the manual again (you didn't think I wrote this
>before I read the manual did you).
>
>Thanks Dave, it's just what I needed. Let's get going.

Mine is here too but the iron is not hot. That would be a bad idea right now, as the iron is at home and I am not... hey that rhymes. :)

72/73 de KF6IHU - Christian

Date: Mon, 13 Apr 1998 17:11:42 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Anthony Mark-CFES03 <CFES03@lmpsil02.comm.mot.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8172] Re: Wanted: Model 100 logging software
Message-ID: <Pine.LNX.3.96.980413170920.5089A-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> I suppose I could write some kind of program using the hashing method
> but my glorious programming days are 15 years behind me and I'd like to
> keep it like that [to, ahem, keep my mind lucid for using my antenna
> modeling software]. And time, who among us has time?

I'd recommend ternary search trees instead. They're much more space efficient, and much faster in searching (about same speed in inserting). Furthermore, the whole structure, being a tree, is self-collating, so depending on how you traverse the tree, you can print out an alphabetically sorted list of callsigns and other information with zero time sorting.

=====

KC5TJA/6		- TEAM DOLPHIN -
DM13		Samuel A. Falvo II
QRP-L #1447		Chief Architect and Project Founder

Date: Mon, 13 Apr 1998 21:27:21 -5

From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: FrConrad <FrConrad@aol.com>
Cc: qrp-1@Lehigh.EDU
Subject: [8173] Re: Joy of QRP Book
Message-ID: <199804140122.VAA09170@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

You can buy them directly from Ade, or I have both books available
at the same price Ade has them for.

Joy Of QRP - \$23

History of QRP - \$15

Both - \$33

Shipping included.

> Hello all,

>

> Several weeks ago I saw a write-up on the reflector as to where to buy the
> book Joy of Sex [Backspace-Backspace-Backspace] :-) make that Joy of QRP.

>

> Can someone send that info?

>

> Tnx es 72

>

> John+

> WB6MFS

>

>

>

73 - Bill - N8ET

Kanga US

kanga@mail.bright.net

<http://www.bright.net/~kanga/>

419-423-4604

Date: Mon, 13 Apr 1998 21:23:22 -0400

From: mpupeza@csolve.net (Michael Pupeza)

To: radios@elecraft.com

Cc: qrp-1@Lehigh.EDU

Subject: [8174] K2 Questions

Message-ID: <v01510100b1586a3d1192@[207.61.168.101]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I'm sending this again, as I haven't received any answer to my previous query!
Thanks*****

Hello there;

I just found out about your K2 kit, and am interested in getting a few more answers. I have built a NorCal Cascade kit, with the KC-2 display, and am pleased with performance - but I want full band coverage. I was planning to buy the SG-2020 (I'm on the waiting list - but I don't feel totally obligated!)

1. Would the K2 kit, with the SSB option, and NB option be available before Field Day 98?
2. How many hours, for a relatively skilled assembler, would be needed to assemble and test the kit?
3. Will you be selling kits at the Dayton HamVention? (I'll be there!)
4. Is the Receiver General Coverage - or Ham Bands only?

I hope to hear from you shortly, and look forward to seeing the unit at Dayton.

Thanks.

Mike Pupeza - VE3EQP

Michael Pupeza VE3EQP
283 Peek-a-Boo Trail RR# 2
Penetanguishene, Ont.
Canada L9M 1R2

mpupeza@csolve.net
(705) 549-3220

Date: Mon, 13 Apr 98 11:19:48 HST
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
To: qrp-l@Lehigh.EDU
Subject: [8175] got Hawaii
Message-ID: <9804132119.AA00947@krypton.nmr.Hawaii.Edu>

I am bummed out, the high winds, storm enhanced trades, have kept me from deploying my antennas all weekend. But the good news is one more FISTS member in Hawaii! KH7M has a beautiful wall certificate

and is QRO if needed. Also there have been some other inquiries. My lousy antennas at the home QTH have been an embarassement, so I am glad to see more activity in Hawaii. Also we now have an official HI-QRP web page and soon will have a QCWA chapter 194 web page.

Little by little there is progress. Hawaii will be active on QRP for field day also.

www.chem.hawaii.edu/uham

AH7R - Mike Burger, University of Hawaii at Manoa, Dept. of Chemistry
HI-QRP #28 - QRP-L #1053 - FISTS #3225 - BL11ch - Honolulu County

Date: Thu, 9 Apr 98 21:12:11 PDT
From: "Robert H. Sorge" <rsorge@phoenix.net>
To: qrp-l@Lehigh.EDU
Subject: [8176] Elmer 101 SW-30+ Student List - Final
Message-ID: <Chameleon.980409212918.rsorge@phoenix.net.phoenix.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is the list of Elmer101 SW-30+ students. This is a listing of the 30 meter builders. The names here are to help the 30 meter version builders know who the other 30 meter version builders are. This is the final list. If you are building the 30 meter version you already know who you are, and here are the names of the others :-)

Walter Dufrain <walter@inlink.com>
Bruce Hopkins - KL7JAF <kl7jaf@eagle.ptialaska.net>
Scott Bauer <ke3nv@erols.com>
ka7you@juno.com
"William R. Moore" <wr.moore@att.net>
Ed Manuel <n5em@flash.net>
Andy Fox <foxes@theriver.com>
Christian Hunt <chunt@macromedia.com>
Wayne Barnhart <wb7whi@triax.com>
Dale Scott <dcscott@us.ibm.com>
Chuck Adams <adams@sgi.com>
Don Branflick <kb2sqt@eclipse.net>
"Adam B. Kanis" <adam-kanis@uiowa.edu>
Ted Kell <tedkell@juno.com>
Rick McNelly <72507.235@compuserve.com>
"Buck, Preston D" <BuckPD@corning.com>

Dick Stimson <destimson@juno.com>
"Peter C. Wotherspoon" <Peter.C.Wotherspoon@hydro.on.ca>
David Shalita <af389@lafn.org>
"Robert V. Jackson" <wb2bjw@juno.com>
Robert H. Sorge <rsorge@phoenix.net>
Jim Francoeur KC1FB <jrfrancoeur@snet.net>
Jeff Johnson <jeff@dcsoftware.com>
John Nystedt <nystedt@sprintmail.com>
Dan Puckett <dpuckett@erinet.com>
joel malman <malman@world.std.com>
Bob Nichols <OrientBob@aol.com>
Brad Mugleston <bmug@gw1.com>
Niel Skousen <nskousen@scientech.com>
"j.w. thornton" <dub@oklahoma.net>
dave_epps@juno.com
wd4et@juno.com
Steve Miller <kg7pv@teleport.com>
Gary Evans <gevans@lightspeed.net>
"Robert D. Brown" <bogateer@vegasnet.net>
"David, n2zhy" <n2zhy@amsat.org>
Mike - W0TMW <crucis@sky.net>

For information on the Elmer101 class check out the folloing:

<http://www.qsl.net/kf4trd/index.html>

Name: Robert H. Sorge - KC5FMZ QRP-L#910,NORCAL#793,ARCI#96033
E-mail: rsorge@phoenix.net
Date: 4/9/98
Time: 9:12:11 PM

Date: Mon, 13 Apr 1998 21:11:32 -0500 (CDT)
From: maprath@prairienet.org (Mark A. Prather)
To: qrp-l@Lehigh.EDU
Subject: [8177] F/S
Message-ID: <199804140211.VAA06752@firefly.prairienet.org>

For Sale:

1). K8FF/Norcal Paddle Kit

Original (Wide)

Preliminary sanding of base - otherwise un-opened, and pristine.
With Documentation

Have just lost interest.

\$35.00 ppd.
Conus

2). Heath HW-16 (sorry, sorta QRP, or can be)

with copy of Manual.

Powers up and runs. I have only checked out receive on 40M, and
copied signals ok.

Too many other projects.

\$55.00 ppd.
Conus

I also have an older Heath 5 Channel R/C system for 6 Meters, and a Futaba
on 27 Mhz. A couple of electric R/C cars etc. If interested, let me know.
More details if you are interested. Make me an offer.

Please email me if you are interested...

Thanks!

73, Mark
WB9HFK

--

* Mark A. Prather - WB9HFK * maprath@prairienet.org *
* QRP ARCI #9472 - QRP-L #1159 * mprather@halcomm.com *

Date: Mon, 13 Apr 1998 22:37:23 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [8178] Elmer101: is everyone ready?

Message-ID: <3532CBE2.6521@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think all the kits for the students have been delivered. If you are a student and don't have your kit please drop me an email direct (not to the list). Assuming the answer is no, we start tomorrow!

First, READ THE MANUAL! Dave has done a great job on the manual and it contains tons of useful information. Don't worry if the "Theory of Operation" stuff goes over your head, that's why we are doing this.

Inventory your kit. If you are missing any parts, double check then contact Dave Benson for a replacement. Don't wait to do this step, it will save you grief in the long run. Also use this opportunity to familiarize yourself with identifying the components. If you have trouble identifying the components after reading the manual, post your question (with the Elmer101 subject header ;-)

Get the soldering iron, solder, desoldering braid and sponge ready.

Do you have a 12-14 volt power source? It needs to be able to supply at least 500mA to the circuit. You should avoid using switching power supplies (like out of a computer) as they are electrically noisy. A small 12 volt battery should be fine, 8 D cell batteries in series would also work. You can buy a wall transformer that will power the rig, but they are pricy. Should we post a schematic of a linear power supply for these rigs that you can build easy? I'm sure that would be a no brainer for our elmers... Should that be one of our sections?

There are some parts that you need to complete the rig that you can get from RadioShack listed here:

- 1) 5k pot RS#271-1714
- 2) 100k pot RS#271-1716
- 3) headphone jack RS#274-249
- 4) key jack RS#274-247
- 5) antenna jack RS#278-105 this is if you want a BNC antenna antenna connection.
- 6) power jack RS#274-1569
- 7) power connector RS#274-1582

The only one of these that you need ASAP is #2 as it will be used in the VFO section (next).

You will need some small hookup wire for testing and final assembly, 20 gauge stranded insulated should work well.

Check your power source output with your volt meter and verify that it is at the proper voltage. Tommorrow we will build up the power supply on the radio. This the simplest part of the whole project and a good place to start (no power, no RF ;-)

Also, Please, speak up if you need anything! Also feel free to comment on how we may run the class better (be careful, you may be volunteering ;-). All questions are welcome.

Watch for more tommorrow.

--

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

"I'm sorry Dave, I can't do that." HAL from 2001 a space odyssey

Date: Mon, 13 Apr 1998 22:43:30 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:n4bp@bc.seflin.org" <n4bp@bc.seflin.org>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [8179] ARCI Test
Message-ID: <199804132246_MC2-39CA-424D@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Bob:

Heard you loud and clear...but your software apparently wouldn't pick out my call. Sure hoped to add your distinguished call to my log.

Operation here was only about 6 hours broken up into small segments. Managed a total of 124 QSO's...all of them on 20 metres. Rig was Sierra at 950mw to the GAP Titan DX at 6'. Tuner = ZM-2.

Managed to snag DL1CC and AL7FS, highlights for me. Hope you have a wonderful vacation.

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904

507/289-5108 (eves)

Date: Mon, 13 Apr 1998 18:48:45
From: Bill & Merleigh Jones <kd7s@psnw.com>
To: qrp-1@Lehigh.EDU
Subject: [8180] Homebrew Cabinet Design
Message-ID: <3.0.5.16.19980413184845.25172542@mail.psnw.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Friends,

Thank you, Chuck Adams, for the kind words about my cabinet making. I enjoy what I do and that's why I'm anxious to share what I've learned with qrp-1. However, I need to add that "making it pretty" may not be everybody's idea of how to spend a Saturday afternoon. A homebrew rig in a custom cabinet probably won't get you stronger signal reports than the same rig built into an orange crate. It just that it looks better (in my opinion). Anyhow, my website is coming along well although there is still much to be done.

For those who may be interested, I intend to expand "Cheap and Easy Homebrew Cabinets" beyond the nuts and bolts of simply cutting, shaping and welding plastic. I want to add a section on the ergonomics and esthetics of cabinet design. I intend to deal with such topics as choosing a pleasing aspect ratio, custom configurations for left-handed operators, optimizing panel space, proper control placement, choosing the right knobs and even how to make your own dial assemblies. Also, from time to time I would like to include scale, custom templates for popular kit rigs that can be printed out and used to roll your own enclosures. Panel layouts templates will also be available.

Anyone who has created a homepage knows that these things don't happen overnight. It takes time. In the meantime I'm really having fun and learning a lot. Stay tuned.

=====

Bill Jones - KD7S <><
Sanger, California

=====

Date: Tue, 14 Apr 1998 00:09:58 -0400

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [8181] Icom 761--Thoughts?
Message-ID: <199804140014_MC2-39C3-FC2C@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Anyone have experience with the Icom 761? How does it compare, especially receiver-wise, with the Ten-Tec Omni V? Have you used your for DXing and FOXhunting? How would it stack up against the Kenwood 940AT? Against the Icom 751a?

Any input will be greatly appreciated. Thanks in advance.

72/73,
--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Mon, 13 Apr 1998 23:52:47 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: 70511.3041@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8182] Re: Icom 761--Thoughts?
Message-ID: <3532EB9F.FDF78641@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doc, the 761 came out with several problems of design that were later corrected with the 765. Check out the reviews on these two rigs on QST for the details.

I have used the 765 since 1990 and feel that is the best of the breed in

its price range and for its period in time. The receiver is superb for DX and weak-signal work. The transmitter does what it is supposed to do. There are adequate controls, etc. to make best use of the inherent selectivity and low noise of the receiver. I use mine with the NIR-12 which I strongly recommend as a post-processor. Ditto for the ANC-4 noise canceller ahead of the 765 antenna input.

The ALC circuit I put on the list a few days ago allows convenient and smooth reduction of power down to the milliwatt level.

Again, if you can, go for the 765 over the 761 which has some real operational problems that you don't want to fool with.

--

72/73, George

Amateur Radio W5YR (since 1946)

QRP-L #1373 QRP ARCI #9583

AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Wilford D. Lindsey wrote:

>

> Gang:

>

> Anyone have experience with the Icom 761? How does it compare,

> especially receiver-wise, with the Ten-Tec Omni V? Have you used your

> for DXing and FOXhunting? How would it stack up against the Kenwood

> 940AT? Against the Icom 751a?

Date: Mon, 13 Apr 1998 22:35:22 -0700

From: Robert Bayha <rbayha@ix.netcom.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [8183] Elmer 101: Yahoo, Yippee...

Message-ID: <3532F59A.65FA4B90@ix.netcom.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

One thing to be said: I'm ready to learn!!

--

Bob Bayha, K6RKB

QRP-L #1209, QRP-ARCI #9505

CQC #488 G-QRP #9884, NorCal #2394

Date: Tue, 14 Apr 1998 02:15:41 -0400 (EDT)
From: Scott Bauer <ke3nv@erols.com>
To: qrp-1@Lehigh.EDU
Subject: [8184] New solar cycle/ 12 meters
Message-ID: <199804140615.CAA13422@smtp3.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hey guys,

Dont forget about 12 meters!! Today, I heard a lot of DX
and a few pile-ups too!
Small Wonder Labs sells mono band kits for all HF bands. Get
in on the action and have some fun!!

Just a happy customer, no ties.

72, Scott w3cv

Date: Tue, 14 Apr 1998 00:22:39 -0700
From: Conrad <radman@best.com>
To: "'w5yr@swbell.net'" <w5yr@swbell.net>, Low Power Amateur Radio Discussion
<qrp-1@Lehigh.EDU>
Subject: [8185] RE: Icom 761--Thoughts?
Message-ID: <01BD673B.6FB360C0@radman.vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Doc,

I'd echo the endorsement for the IC-765. I own one & find it very well =
suited to weak signal work. If the bands are really ragged I'll use the =
Timewave 599-ZX to process a bit more. But, generally the 765 holds its =
own with the best of them. I've noticed the resale prices remain high =
for this rig. Guess there's a reason for it, eh? ;)=20

GL -- 72 -- Conrad - nn6cw.=20

*****=20

-----Original Message-----

From: George T. Baker [SMTP:w5yr@swbell.net]
Sent: Monday, April 13, 1998 9:53 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Icom 761--Thoughts?

Doc, the 761 came out with several problems of design that were later corrected with the 765. Check out the reviews on these two rigs on QST for the details.

I have used the 765 since 1990 and feel that is the best of the breed in its price range and for its period in time. The receiver is superb for DX and weak-signal work. The transmitter does what it is supposed to do. There are adequate controls, etc. to make best use of the inherent selectivity and low noise of the receiver. I use mine with the NIR-12 which I strongly recommend as a post-processor. Ditto for the ANC-4 noise canceller ahead of the 765 antenna input.

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--=20

72/73, George

Amateur Radio W5YR (since 1946)

QRP-L #1373 QRP ARCI #9583

AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Wilford D. Lindsey wrote:

>=20

> Gang:

>=20

> Anyone have experience with the Icom 761? How does it compare,
> especially receiver-wise, with the Ten-Tec Omni V? Have you used your
> for DXing and FOXhunting? How would it stack up against the Kenwood
> 940AT? Against the Icom 751a?

Date: Tue, 14 Apr 1998 00:53:45 -0700

From: Mighty Mik <mitymik@hooked.net>

To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [8186] Soldering and the SW40+
Message-ID: <35331608.CD357FE0@wenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

i just 'upgraded' to a temperature controled iron w/ digital readout, as a treat and to retire my ~20 yo weller 25W iron. As things get smaller, you'll want a small pointy tip, and some really thin solder. this will help if you ever solder a kit with a CPU (and help if the board isn't solder masked). If you don't already have one, get an iron with a grounded tip (3 wire plug). I also use a 40 watt iron for disassembly of junk boards. This allows me to get the solder liquid quickly so i can remove the part before i burn my fingers. :)) Also, get some desoldering braid (thin for assembly/repair, thick for disassembly), and an anti-static solder sucker.

My SW40+ went together nicely, and i think that it'll go together for anyone comfortable with an iron.

Were you doing anything wrong? i doubt it...but as time goes along, you'll begin to see where you can improve your soldering technique.

Date: Tue, 14 Apr 1998 11:22:45 +0200 (MST)
From: Joachim Seibert <jseibert@hermes.desy.de>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [8187] Replacing tubes w semiconductors
Message-ID: <Pine.SGI.3.95.980414111513.11008C-100000@hermes.desy.de>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello everybody!

Does anyone have experience in replacing glow bugs with 'cold' electronics? I am planing to convert an old RX (consuming 300W) to a qrp compliant (12V, 12W max) moderniced one.

Any suggestions? One of my ideas was: one triode to one FET and one bipolar transistor (to match the impedances).

Best 72s and 73s, Joachim DL1GSJ

Date: Tue, 14 Apr 1998 05:26:10 -0500
From: Larry Trullinger <kb0emb@tfs.net>
To: qrp-l@Lehigh.EDU
Subject: [8188] SW30+ ??
Message-ID: <3.0.5.32.19980414052610.007a1300@tfs.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Been off the list a while and have just re-subscribed, know about the SW40 and other Small Wonder kits. What is the 'SWnn+' ? Curious and interested in something for 40 or 80M. Thanks in advance for any information.

72 / 73s Larry QRP-L #1104

Date: Tue, 14 Apr 1998 06:50:25 EDT
From: aa5yx@JUNO.COM (John Harper AA5YX/2)
To: qrp-l@Lehigh.EDU
Subject: [8189] Re: Novice QRP Advice Wanted
Message-ID: <19980414.064939.8095.0.AA5YX@juno.com>

>A month or so ago, I decided to try again. I put up a 35-foot long
>longwire antenna across my apartment, and was able to obtain a
>reasonable ground from a water pipe (I am on the first floor). I used
>an MFJ-259 SWR analyzer and found an SWR of around 2.8:1.
>I realize that my antenna is not optimal, being on the first floor and
>inside. However, I am running 4 Watts or so output power and
>hopefully
>this makes up for some of the loss and at least gives me say the
>equivalent of a watt output into a good antenna (maybe not?). Do you
>think my antenna is the problem?
>Thanks, and 73
>Frank Kienast
>KB9QEI

Hi Frank,

Welcome to QRP - don't give up yet! My first QRP rig was also a Ramsey but for 30 meters. For a receiver, I used a Magnavox D2999. The antenna was a dipole at 50 feet and I worked 17 countries from Connecticut during a year of very casual operating. I'm telling you this because the problem

with your set-up is definately the antenna.

An indoor random wire with no real counterpoise would be borderline-adequate with a 100 watt transmitter. For QRP, you need an outdoor antenna and if the antenna is a vertical or random wire, you need an RF ground, ie, radials. I am all too aware that this is not possible at all home QTH's. I have recently been combining ham radio (QRP) with camping out and it is great fun. Like you, I have a random wire at home (40 feet long) with 2 ground radials. At my favorite campsite I put up an inverted V at 25 feet. The difference between these two antennas on 40m was phenomenal. Moral of the story: at QRP, antenna is everything!

Today I'm putting up an inv V at home. Good luck to you and 73,

John Harper AA5YX/2 (ex: KA5BBL, KI5OW, VQ9BL)
TenTec Century 21, HW-9, NorCal 40A, OHR-100A/20m, 38S
NJ-QRP 148
<http://home.att.net/~j..harper>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 13 Apr 1998 20:00 -0700 (PDT)
From: eakwik@mail.hac.com
To: qrp-1@Lehigh.EDU, camqrp@cyberg8t.com
Subject: [8190] QRP ARCI Score
Message-ID: <0ERE00904HLC8J@mail.hac.com>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=ISO-8859-1

1998 QRP ARCI SPRING CONTEST

Call used: KC8JIE

Location: MI

Category: Single Op All Band

Mode: CW

Power: 5W

Callsign of Operator: KC8JIE

If multi-operator, show calls of all operators and loggers:

Exchanged Information: KC8JIE RST MI 5W

Hours of Operation: 13:00

band	QSOs	points	mults
80CW	0	0	0
40CW	48	228	18
20CW	9	39	8
15CW	5	25	4
10CW	0	0	0

Totals 62 292 30

Final Score = 292 points x 30 SPCs x 7 (5W) = 61,320

Club or Team Name:

Comments:

The Debut of KC8JIE. I am quite pleased with my effort. I got my ARCI NR (9646) day after the contest. Sorry everyone. You could have had more points if I had joined a couple of days earlier.

Station:

Triton VI - 40m inverted V, up 20, ZM-2 Tuner, hand logging.

I have observed all competition rules as well as all regulations for amateur radio in my country. My report is correct and true to the best of my knowledge. I agree to be bound by the decisions of the contest committee.

Date_____ Signature_____ Call_____

Name: Edward A. Kwik Jr. Call: KC8JIE
1580 Larchmont Ave
Waterford, MI 48328
eakwik@mail.hac.com

72/73

Date: Tue, 14 Apr 1998 08:24:35 -0600
From: "Dick Schneider" <rschneid@ix.netcom.com>
To: qrp-1@Lehigh.EDU
Cc: erics@elecraft.com
Subject: [8191] K2 Availability
Message-ID: <199804141425.JAA02218@dfw-ix12.ix.netcom.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Well, I have sold a 32S3 and a 75S3 SPECIFICALLY to raise cash for a K2. How's that for a trade-off?

Question is: when will the K2 be available?

I am sending a Colorado QRP Club agent to Dayton with cash to try to acquire one.

This agent, N0QT, and I are coordinating CQC's second Field Day site and the hope is to get the K2 on the air by Field Day.

Anyone have insight as to when they will be available?

72/73 Dick AB0CD..

Date: Tue, 14 Apr 1998 07:31:06 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-1@Lehigh.EDU
Subject: [8192] Homebrew Cabinet Design Webpage
Message-ID: <3533732A.5E38A70D@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

To all those who wrote asking for the URL to my homebrew cabinet design webpage, I'm sorry to say that it doesn't exist quite yet. It is a work in progress. I estimate it will take another 2-3 weeks before it's

available. When it is up and running I will let everyone know. Thank you for your patience and your interest.

=====
Bill Jones - KD7S <><
Sanger, California
=====

Date: Tue, 14 Apr 1998 17:38:17 +0300
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: jseibert@hermes.desy.de
Cc: QRP-L <QRP-L@Lehigh.EDU>
Subject: [8193] Re: Replacing tubes w semiconductors
Message-ID: <353374D9.138B@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Joachim Seibert wrote:

> Does anyone have experience in replacing glow bugs with 'cold'
> electronics? I am planing to convert an old RX (consuming 300W) to a qrp
> compliant (12V, 12W max) moderniced one.
>
> Any suggestions? One of my ideas was: one triode to one FET and one
> bipolar transistor (to match the impedances).

Joachim,

It must have been in the second part of the seventies or early eighties that QST carried an article or series of articles on replacing tubes with semiconductors. I tried replacing one tube in a Drake R4-A with a combination of FET and bipolar transistor. The semiconductor replacement gave a lot more spurious responses, though, so I abandoned the plan. (I did replace the product detector with an MC1496, which worked well, I think.)

So look in old QST's, you may find something worth while there.

gl, 0h2zaz

--

Arjen Raateland
Finnish Environment Institute
SAS Support

phone +358 9 4030 0457

Date: 14 Apr 1998 11:21:26 -0400
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
To: qrp-l;;
Subject: [8194] Elmer101: soldering safety
Message-ID: <1998Apr14.112126-0400@[130.113.234.7]>

Gang,

Before we start to melt solder, let's remember that we're dealing with hazardous stuff: your solder is likely about 40% lead. This is a biological hazard.

I understand that lead contamination is most likely not so much from melting solder, but from handling solder. So snacking while soldering isn't a good idea. And washing your hands afterwards IS a good idea. You should have good ventilation around your soldering area too. Yes mamma, I'll wash-up.

Date: Tue, 14 Apr 1998 08:53:29 -0700
From: dave_epps@juno.com
To: qrp-l@Lehigh.EDU
Subject: [8195] Kit Article
Message-ID: <19980414.085330.6678.3.dave_epps@juno.com>

FYI:

In the May issue of CQ VHF magazine page 18 there is an article on kits with

good mention of some of the kit suppliers that we qrp'ers are so fortunate to have.

Can you believe they said the K-2 would be a good ssb exciter for vhf transverters. No mention of CW. "Shame on them"

Also mention of a very small gas generator that looks very interesting for

"in the field" use.

dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 14 Apr 1998 13:02:27 EDT
From: PDouglas12 <PDouglas12@aol.com>
To: fgk@iquest.net
Cc: qrp-1@Lehigh.EDU
Subject: [8196] Re: Novice QRP Advice Wanted
Message-ID: <ee04235a.353396a5@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Frank,

Your Ramsey transmitter and that DX 398 are not the easiest set up, to say the least.

But wow, are you learning. Isn't it amazing that when things don't work, we learn so much more trying to figure out why--than when they work just fine.

My advice is likely to draw some lightning, but here it is. Your first problem is that calling CQ with a crystal controlled QRP rig is a lousy way to make contacts. You would be much much more likely to make contact by listening for a station calling CQ within that narrow range of your transmitter. In general, calling CQ with QRP will net a contact about 1/10th as often as pouncing on someone else's CQ. The only fly in the ointment is that you will have to master the technique of getting your transmitter smack onto the freq of the incoming signal, if you want to maximize your chances of nailing him. The problem with your calling CQ is that very few ops will be looking to start a QSO with a weak station--many more will listen carefully for anyone, weak or strong, answering their own CQ call.

Your next rig (when you can) should be one of the transceivers made by one of the QRP firms: OHR, SWL, Wilderness, Emtech, etc. Or as Joe Gervais suggested, if you want a ready-built, the MFJ QRP rig is very good. Part of your problem is also due to the width of the receiver you are using, so that you can't be entirely sure when you are spot on the other guy's freq--as required when you call to answer someone else's CQ. The little rigs offered by these firms solve that problem for you by putting the transmitter right on the freq of the signals heard in the receiver. Right now, the Elmer course, just getting under way, spotlights the SWL 40+, which is cheap and excellent. That would be a way for you to go, as making contacts with your current setup, while certainly not impossible, will continue to be difficult. And contacts are important to a novice, to avoid frustration and enhance operating skills. Fishing forever is no fun when they never bite. Do consider joining the Elmer

course, as you are just the right kind of recruit that course was designed for.

And welcome. You are in a good place to keep learning, and as you learn, you will find the skills you need to improve your contact-making abilities.

Finally, your short indoor wire might be enough to make some contacts, but an outdoor wire would be massively better. If your apartment building has a metal frame, however, you are trying to work from inside a shield, and you are not helping things, to say the least. I used to live on the top floor of a building, and used to drop a wire out the window 40 feet or so. Worked out well. You might try the reverse. Go up to the roof, if you have access, or to the apartment of a friend above you and hang a wire down from there into your window. Magnet wire is nearly invisible and cheap for this use. Remember to scrape the insulation off the transmitter end. Also, I don't see where you are using a wire tuner. You do need to bring the SWR down. Not for aesthetics. The transfer of power from that little transmitter is only maximized when you match its output to the wire antenna. While it won't improve the antenna, it will improve the amount of power you are putting onto the end of the wire. (Right, LB?) Frank, I have a spare wire tuner I can lend you, if you like.

I gather from your access to the MFJ antenna analyzer that you have a more experienced ham around somewhere. I shouldn't think you own that piece of expensive equipment at this early stage! Ask him/her to come over to help you get going--that's what Elmers are for! House calls are often the best way to make sure a Novice gets going.

Anyway, keep going. You are on the right track.

72,

Preston WJ2V

Date: Tue, 14 Apr 1998 12:06:40 -0500
From: "jjoens" <jjoens@netins.net>
To: <qrp-1@Lehigh.EDU>
Subject: [8197] Fw: Bal Line
Message-ID: <199804141709.MAA24215@ins3.netins.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Joens Jerry <JoensJerry@Waterloo.deere.com>
> To: 'qrp-1@Lehigh.edu'
> Cc: 'JJoens Home' <jjoens@netins.net>
> Subject: Bal Line
> Date: Monday, April 13, 1998 4:43 PM
>
> I have noticed several posts about problems running balanced line
> into the shack. There was an article several years ago(a bunch of years)
> that used two runs of coaxial cable to do the same thing. At the antenna
> end the shields were tied together.(not grounded) and the inner
conductors
> were connected to the antenna wires. At the tuner end the shields were
> tied together and grounded. The inner conductors went to the BAL output.
> I ran this setup for several years with an argonaut 509 and had excellent
> results with the system. The feedline was taped to the tower leg with no
> ill effects. If anyone else has used this system, pls let me know.
> My E-Mail is jjoens@netins.net
> 73s and QRP
LIVES
>
> Jerry (KI0IH)

Date: Tue, 14 Apr 1998 13:26:41 -0500 (EST)
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
To: qrp-1@Lehigh.EDU
Subject: [8198] RE: Elmer101: soldering safety
Message-ID: <48401.owen@piper.eeel.nist.gov>

In message 14 Apr 1998 11:21:26 -0400,
Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA> writes:

> Gang,
> Before we start to melt solder, let's remember that we're dealing
> with hazardous stuff: your solder is likely about 40% lead. This is a
> biological hazard.
>
> I understand that lead contamination is most likely not so much
> from melting solder, but from handling solder. So snacking while soldering
> isn't a good idea. And washing your hands afterwards IS a good idea.
> You should have good ventilation around your soldering area too.
> Yes mamma, I'll wash-up.

>

Are we, or or we not getting a little too paranoid of enviro-hazards. Those that really know fill us in on this hazard. I suspect that there are many on this list, like myself, that have been melting solder for 50+ years, that have melted 10's of lbs of the stuff, not washed our hands as often as we should, held it between our teeth when we needed a third hand, done it for hours in a confined unventilated space, that don't have any sign of LEAD poisoning. In fact I know of no one with which I have worked that has EVER had LEAD poisoning. Is this a case of going off the deep end of enviro-safety? I don't believe that anyone building the kit is likely to get too much, or any, Lead. Those REALLY in the know, let us know.

72 Jim K4CGY

Date: Tue, 14 Apr 1998 17:31:42 -0700
From: "Harvey D. D. Hetland" <n6mm@earthlink.net>
To: qrp-1@Lehigh.EDU
Subject: [8199] Re: Replacing tubes w semiconductors
Message-ID: <3533FFEE.36F6@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The article in question might be, "Solid-Tubes - a New life for old Designs", Howard J. Sartori, W5DA, QST Magazine, ARRL, April, 1977, page 45, which focused on the Drake line. Some of the high voltage FETs used in the article are hard to find today. There was a recent article in QEX on the subject of replacing tubes with solid-state devices.

73, Harvey, N6MM.

Date: Tue, 14 Apr 1998 13:20:34 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: PDouglas12@aol.com, Qrp-1 Reflector <qrp-1@Lehigh.EDU>
Subject: [8200] Re: Novice QRP Advice Wanted
Message-ID: <3533A8F2.496F2887@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

PDouglas12 wrote:

> My advice is likely to draw some lightning, but here it is. Your first

> problem is that calling CQ with a crystal controlled QRP rig is a lousy way to
> make contacts. You would be much much more likely to make contact by
> listening for a station calling CQ within that narrow range of your
> transmitter. In general, calling CQ with QRP will net a contact about 1/10th
> as often as pouncing on someone else's CQ. The only fly in the ointment is
> that you will have to master the technique of getting your transmitter smack
> onto the freq of the incoming signal, if you want to maximize your chances of
> nailing him. The problem with your calling CQ is that very few ops will be
> looking to start a QSO with a weak station--many more will listen carefully
> for anyone, weak or strong, answering their own CQ call.

Frank, I agree with Preston. A CQ is less likely to get a response than
you calling someone else. Every time I operate I tune over many cq's
without answering them. Nothing personal. I may be looking for dx at the
time or the signal maybe very weak and I have high qrn and dont feel
like suffering at the momemnt. Relatively few stations, however, will
not acknowledge a station calling them.

> Do consider joining the Elmer
> course, as you are just the right kind of recruit that course was designed
> for.

Again, I agree. I will be building the SW40+ starting tonight and I
think you would be very pleased with its performance and its cost is
only \$55 so its not like investing in a Kenwood/Yaesu/Icom type rig for
megabucks.

> Go up to the roof, if you have access, or
> to the apartment of a friend above you and hang a wire down from there into
> your window. Magnet wire is nearly invisible and cheap for this use.
> Remember to scrape the insulation off the transmitter end.

Fifteen years ago, I lived in a ground floor apartment. I borrowed a
ladder from the apartment complex handyman and got access to the roof of
my bulding. This put my inverted-L antenna up 75 feet or so in the clear
where it worked real well. Worked fifty or so countries on ten meters
one afternoon qrp during a dx contest. Worked well over a hundred
countries qrp with that antenna. I used a water faucet outside my window
for ground. I also used tuned counterpoise laying on the floor in my
bedroom.

Getting the antenna up did involve a bribe. And this needed to be
repeated now and then when I needed access to make some repairs. Magnet
wire doesnt last forever! Just make sure that you dont go up on the roof
on a Friday afternoon of a very windy Labor Day Weekend. I did once.
Almost as soon as I got up there to start my repairs, the wind blew over
my ladder leaving me stranded for three or four hours before I could
find anyone around to set the ladder back up. Thank God it was sunny and

not stormy.

Frank, the offer is still open. If you would like me to listen for you, I'd be happy to try. Just let me know. Maybe we ought to have another fox hunt and make you the fox for the evening. That way you would have a lot of guys listening for you and you would get almost instant feedback on the internet. 73 de Dave, N0IT

Date: Tue, 14 Apr 1998 11:32:22 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: "James C. Owen, III" <owen@piper.eeel.nist.gov>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8201] RE: Elmer101: soldering safety
Message-ID: <Pine.SOL.3.96.980414112500.26606F-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Jim,

I agree about going off the deep end nowadays!

I grew up carrying mercury around in my pocket to keep my coins shinny. And I was not the only one who did. All with not problems.

Here is what I think is happening.... we can measure things that are too small. We find something at a background level and inject some mice with it and watch them have problems.

Then bingo... it's gotta be from that nasty XXX "stuff"!

I feel that in most cases it's the dose that's toxic, not the compound!

But I also agree that we should use common sense when doing things that give off fumes, like have fresh air coming in. Don't sniff the fumes of anything worse than perfume!! :-)

And when you think it's all getting mixed up, remember that someone came up with the idea that vitamins are bad for us!

So fire up the slobering irons, melt solder, make qrp rigs, get on the air and stop reading so much e-mail!! :-)

OBQRP:

There was a JW5 on 20m CW last night. easy catch!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 14 Apr 1998 11:20:09 -0800
From: "Larsen, Jim" <JLarsen@alascam.att.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [8202] Elmer 101: Weller Soldering Station Temp. Settings
Message-ID: <EAAF194D47B2D11189E6006097E5893A0777C8@alascamexca.alascam.att.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Greetings from Alaska,

I have question that I have tried to research on the Internet and have not found the answer. Everyone talks about using a 25 watt iron with small tip or a 35 watt, etc.

My Weller station is adjustable from below 600 to above 800 degrees. What setting should one use to approximately equal a 25 watt pencil? I can buy (have bought) a new tip that is tiny per all the comments on the list. Can anyone fill this chart in for me?

20 watt =	degrees
25 watt =	degrees
30 watt =	degrees
35 watt =	degrees

That should be enough for now. The Weller is not a totally cheap one and it has the grounded tip and the temperature is supposed to stay very stable at the setting on the dial.

Thanks to all you Elmers....this one has plagued me for a long time even though I have successfully built kits with the Weller.

73, Jim, AL7FS

Date: Tue, 14 Apr 1998 14:30:37 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [8203] ham com 98
Message-ID: <199804141930.MAA16217@mailtod-121.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Just got the info on ham com 98 in Arlington Texas.
Really lookin forward to seeing some qrp ers and qcwa folks out there.
Come on June!!!
Larry ac5ez

Date: Tue, 14 Apr 1998 12:44:36 -0700
From: Pierre Constantineau <pierre@cmpe.ubc.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, Bensondj@aol.com
Subject: [8204] Re: Elmer101: is everyone ready?
Message-ID: <3533BCA4.82CA80DD@cmpe.ubc.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

I ordered the enclosure at the same time I ordered my kit. As Mike mentioned, some parts are not included in the kit. Here is the list again:

> There are some parts that you need to complete the rig that you can get
> from RadioShack listed here:
> 1) 5k pot RS#271-1714
> 2) 100k pot RS#271-1716
> 3) headphone jack RS#274-249
> 4) key jack RS#274-247
> 5) antenna jack RS#278-105 this is if you want a BNC antenna
> antenna connection.

> 6) power jack RS#274-1569
> 7) power connector RS#274-1582

I would like to know what is included with the enclosure "kit". Are there any holes already made? If so for what kind of connectors and hardware. What is not included in the complete kit (SW-40+ and enclosure).

I have not received my kit yet... After all it was a long weekend. It might be on my doorstep at home... Let's start anyway...

--

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Pierre Constantineau B.Eng      Email: pierre@cmpe.ubc.ca
M. Applied Sciences Candidate   Phone: (604) 822-2913
Flash Smelting Group           Fax: (604) 822-4750
Centre For Metallurgical       111-2355 East Mall
Process Engineering            Vancouver, BC, Canada
U. of British Columbia .ooo0   V6T 1Z4
http://noname.cmpe.ubc.ca ( )   0ooo. Amateur Radio: VE7JPC
-----\ (---( )-----
      \_)  ) /
      (_/

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Date: Tue, 14 Apr 1998 16:42:50 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [8205] Wanted 38S
Message-ID: <01bd67e5\$e4308a40\$445445c6@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All,

Does anyone have a 38 Special laying around that is not built. Would you want to part with it?

Thanks,

73, Good DXing & QRPing
Ron de WB3AAL

E-mail: wb3aal@talon.net
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

EPA QRP # 1 QRP # 5318 10-10 # 13173
QRP-L # 1099 G-QRP # 3031 AK QRP # 309
Adventure Radio Society #380

Date: Tue, 14 Apr 1998 15:49:51 -0500
From: nilsbull@juno.com (Nils R Young)
To: fgk@iquest.net
Cc: QRP-L@Lehigh.EDU
Subject: [8206] Re: Novice QRP Advice Wanted
Message-ID: <19980414.155002.9902.1.nilsbull@juno.com>

Frank,

First off, welcome to loonie bin. If you get a chance to travel from your digs in Central Indiana to the world-renowned, much-touted & extremely bizarre Dayton Hamvention, you can meet some of the lunatics in person.

Such a visit will also give you a chance to find out more about QRP stuff, different radios, kits, designs & designers. You'll even be invited to spend some of your very own money on more radio stuff!

Just think of it! Radios! Kits! QRP! People! Lunatics like me! Cheese Otters! Stuff like that! Or this!

In the meantime, wander over to the NorCal web page (which you can get to via my links page [URL listed below]) and find out more stuff about more stuff that you absolutely need to have! Just think of it! Radios! Kits! QRP! People! Lunatics like me! Cheese Otters! Stuff like that! Or this!

And don't pay any attention to all those people who say that I'm wacko. I'm just, well, it was the radiation levels from when I was a kilowatt crazy, see? That and the aliens . . .

Welcome to the loonie bin . . . again.

73
Nils

Nils R. Bull Young
La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch
WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com
<http://www.geocities.com/Athens/Olympus/9172>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 13 Apr 1998 21:27:21 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: Russ Carpenter <russ@natworld.com>
Cc: qrp-1@Lehigh.EDU
Subject: [8207] Re: An Open Letter to QRP Radio Designers
Message-ID: <199804142118.RAA13902@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I don't design the radios that are on the QRP Market these days, but I do sell a few.... The Kanga ONER with crystal control and the proper LPF will do just fine on any of the higher bands. The Hands RTX series of xcvrs will hit the higher bands, and the KK7B kits will also work very well on the higher bands - clear up into the UHF region.... they have all been available for several years. More info on my web page - URL below.

And yes - I do have a vested interest in all of the kits mentioned above.

> QRP radio is lucky to have a community of talented designers producing
> amazingly clever gear for low powered radio. But I'm a little concerned
> that they and we are suffering from forty-itis. What the world needs is
> some high performance 10 and 15 QRP radios.

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Tue, 14 Apr 1998 21:32:04 +0100
From: wd3p@juno.com (Larry Cahoon)
To: qrp-1@Lehigh.EDU
Cc: lcahoon@census.gov
Subject: [8208] ARCI Portable QRP in VA
Message-ID: <19980414.213205.3766.0.wd3p@juno.com>

The Easter weekend found me with the family on a short 3-day vacation at the Peaks of Otter in Bedford County, VA on the Blue Ridge Parkway. Along came the Sierra, the ZM-2 and some homebrew antennas. Operating time was limited but it sure was fun to carry the little rig along. The antennas went into the fanny pack, and the coat pockets, the rig, key, and ear buds went along in a calculator case. Eight AA Renewal batteries were used for power. The basic strategy was to take a couple of hikes each day and operate for at most an hour at a time.

I moved the power up from the normal 0.5 Watts used at home, to as I was to find out latter was a great 0.7 Watts. It was done quickly as I went out the door without measurement. I was aiming for 1 Watt. I used the homebrew vertical for most of the contacts. It did not work real well from the mountain top, but did a great job from the lake shore at the foot of the mountains. It might have been terrain or the fact that both mountain top operations were at about 1 PM local time and many were not on the bands yet. I did take two radials form the vert. and turn them into an inverted V at one point while on the top of Sharp Top Mtn. It had to be run through the ZM-2 as the radials are a bit short for a real dipole. The signals were better with that arrangement.

I stayed with 20 Meter only. I had the 40 Meter module along and a long wire for the band but never found the time to put it up. I probably should have taken the 15 Meter module along.

In all it was a fun trip and well worth the effort. N4BP got the honor of the first QSO from the top of Sharp Top Mtn - at about 3900 ft. K0NI go the last QSO from Harkening Hill at about 3600 ft. The distance records went to NQ7X in AZ and VE6XT in AB. Those were both from the shore of Abbot Lake at an elevation of about 2400 ft with Short Top to the Southwest, Flat Top (4000 ft) to the Northeast and Harkening Hill to the Northwest.

Net result was 13 QSOs - 1 DUP - 10 States and Canada. I'll have to figure out the score.

73 de Larry.....WD3P

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 14 Apr 1998 17:48:32 -0400
From: Ed <edn4pk@VoyagerOnline.net>
To: kd7s@psnw.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [8209] Re: Homebrew Cabinet Design
Message-ID: <3533D9B0.5D310C4F@VoyagerOnline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill, thank you for thinking of us "lefties".....
Ed N4PK.....
Left-handed CW from beautiful downtown Chickamauga, Ga.

Date: Tue, 14 Apr 1998 17:44:58 EDT
From: Bensondj <Bensondj@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [8210] Re: Elmer101: is everyone ready?
Message-ID: <be5ce72c.3533d8dc@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

gang-

I'm presently caught up on the demand for SW-40+s, and I'm now shipping those orders immediately. I have about another 15 of the 30M version still to ship; those will go out Thursday morning.

If you've ordered the companion enclosure kit, I'm now in the process of shipping connectors, controls and harnesses. I should complete shipment of those items by Thursday as well, so there should be no need to go out on foraging expeditions for that stuff. As I mentioned earlier, I'll have the enclosures themselves by about May 1st, and will ship separately as soon as they arrive.

Thanks & 73,

Dave Benson, NN1G
Small Wonder Labs

Date: Tue, 14 Apr 1998 17:10:27 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [8211] Dayton
Message-ID: <199804142210.PAA16275@mailtod-121.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Scott
Im just a casual amateur, Dayton is for real hams.
Larry ac5ez

Date: Tue, 14 Apr 1998 17:16:07 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [8212] Ham Com
Message-ID: <199804142216.PAA17436@mailtod-121.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Ham Com is the 5th, 6th and 7th of June
ac5ez

Date: Tue, 14 Apr 1998 16:57:04 -0500
From: nilsbull@juno.com (Nils R Young)
To: owen@piper.eeel.nist.gov
Cc: qrp-1@Lehigh.EDU
Subject: [8213] Re: Elmer101: LEAD POISONING!!!!

Message-ID: <19980414.171618.9902.2.nilsbull@juno.com>

Y'all,

Yeeehah!

Hey, Jim's right! I worked at Drake & built tons of stuff of my own and I have an old-fashion letterpress printery with tons of lead type and even once, for a couple years, ran a hot-metal type casting machine and been around lead and all them terrible gibber gibber gibber things drool drool slobber gibber gibber like that and it gibber gibber gibber never affected drool drool slobber La Estancia gibber me at all! So drool drool slobber /Athens/Oly gibber there! Right next to the soldering drool drool slobber gibber lurch stumble Praise "Bob"! drool drool slobber gibber Yeeehah!

So don't drool drool slobber gibber worry about Praise "Bob"! casting machine gibber me at all! See? Yeeehah!

More important is that we gibber me at all! gibber things lurch stumble Praise hot-metal type casting Drake & built tons://www.geocities machines! Cheese otters! I tell you hot-drool slobber-metal Yeeehah! type Ranch casting machine William Burroughs!

73

NiYeeehah!ls

Nils R. Bull Young

La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch
WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com
<http://www.geocities.com/Athens/Olympus/9172>

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 14 Apr 1998 16:26:50 -0600
From: Phil <k6ls@prolynx.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8214] Re: Dayton
Message-ID: <3533E2A9.F53FE71B@prolynx.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Larry B wrote:

> Im just a casual amateur, Dayton is for real hams.

Hmmmmmm, think I'll go there this year, sporting my Simpson 260...

People will be thinking that I am an Elmer AND a REAL HAM to boot!

hehehehehe

--

73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org
http://www.qsl.net/k6ls
http://www.prolynx.com/k6ls
DM79oq, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
QRP-L #612 NorCal #824
CQC #471 ARCI #8866
WSWSS #148

Date: Tue, 14 Apr 1998 15:32:10 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: qrp-l@Lehigh.EDU
Subject: [8215] Re: Elmer101: LEAD POISONING!!!!
Message-ID: <19980414.153405.13590.1.gsurrency@juno.com>

Gee..... I didn't know it would take so little to push Nils the rest of the way over the edge. Perhaps he needs a re-boot now.

72 &c,

Gary Surrency AB7MY
S&S TAC-1(40&80m) ARK30 38S OHR100 w/KC-2 HW-9 TS-570D
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

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Date: Tue, 14 Apr 1998 17:40:33 +0000
From: "Paulette Quick, WB9VHF" <plquick@facstaff.wisc.edu>
To: qrp-1@Lehigh.EDU
Subject: [8216] Dayton and real hams
Message-ID: <v03007805b1594db59861@[144.92.104.135]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Larry B wrote:

> Im just a casual amateur, Dayton is for real hams.

What? WHAT?

Who are really hams, anyway? Larry, ac5ez, you have a license, you ARE a real ham.

Dayton, and this list, are places to learn and ENJOY and get to know other people who also love this hobby. We all have a life, and ham radio, wonderful as it is, is only part of it. I have an Extra Class license, but because I still am at the starter's gate as far as really understanding what is going on inside the rig, I signed up for the Elmer 101 experience.

If you can afford it and am able to get away for Dayton, I say go for it!

I had hoped to get there this year but a local friend who said I could stay with her brother backed out due to a heavy work commitment. Being a "real ham" had nothing to do with it. My friend, by the way, hasn't had time to get an antenna installed even though she moved to her job several months ago. She's still "real."

Hope to meet you at Dayton next year or in 2000.

Paulette Quick, WB9VHF
and the flock o' five
Madison WI
plquick@facstaff.wisc.edu

Date: Tue, 14 Apr 1998 18:40:41 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [8217] Elmer 101: part number error
Message-ID: <3533E5E9.4BC7@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This was pointed out to me. Remember, 50k or 100k will work.

#####

I haven't checked the entire RS parts list but I did not a problem with the 100k Pot. You list part number 271-1716. In my 1997 RS cat. that is the number of the 50k Pot. The number for the 100 k Pot is 271-092.

#####

--

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

"There are flies and blue skies, and the just and the unjust
all walk side by side." KingsX

Date: Tue, 14 Apr 1998 16:32:51 -0600
From: w0yse@juno.com (Neil Klagge)
To: qrp-1@Lehigh.EDU
Subject: [8218] re: novice advice
Message-ID: <19980414.165159.7014.2.w0yse@juno.com>

KB9QEI, Frank,

I have had my best luck with inverted Vee's, but sometimes I like to hang a quarter-wave of wire out the window (of my classroom) to a convenient spot at least 10 feet up. Then I run another quarter wave counterpoise off the grounded side of the coax connector and run it across the floor. This can be cut to a decent SWR and you'll be surprised at the results. You wont need a tuner either!! It's like putting your rig right in the middle of a dipole.

Good luck and hang in there.

-

73's
Neil, W0YSE
ex-WN0YSE, novice in '54

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Date: Tue, 14 Apr 1998 17:56:28 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [8219] hat
Message-ID: <199804142256.PAA28925@mailtod-122.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Does anyone make a cap that says qrp or cw forever or some such ? I
need one to wear to Ham Com in June . I feel like making a stand !
Larry ac5ez

End of QRP-L Digest 1060

